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**IN THE CLAIMS:**

Please amend the claims as follows:

Claims 1-2. (Canceled)

3. (Currently Amended) ~~The method of claim 1~~ A method of operating an implantable medical device (IMD), comprising:

positioning a first sonomicrometer crystal at a first location relative to a heart;

positioning a second sonomicrometer crystal at a second location relative to the heart;

determining the distance between the first and second sonomicrometer crystals; and

adjusting the operation of the IMD as a function of the determined distance, wherein the IMD comprises an implantable pacing system, and further comprising:

delivering a pacing pulse to the first heart chamber to elicit a contraction of the heart chamber;

determining whether a series of measured distances represents the contraction; and

adjusting a pacing energy of succeeding delivered pacing pulses to elicit the contraction upon delivery of each pacing pulse.

4. (Currently Amended) An apparatus for use in providing therapy to a heart, comprising:

~~a sensor to measure at least one distance measurement in the heart;~~

a first sonomicrometer crystal positioned at a first location relative to a heart;

a second sonomicrometer crystal positioned at a second location relative to the heart;

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a processor circuit determining the distance between the first and second sonomicrometer crystals; and

~~a delivery circuit coupled to the sensor to deliver a first pacing pulse to a first location in the heart, to deliver a second pacing pulse to a second location in the heart, and to control time of delivery of at least one of the first and second pacing pulses based on the at least one distance measurement~~ delivering a pacing pulse to the first heart chamber to elicit a contraction of the heart chamber, wherein the processor circuit determines whether a series of measured distances represents the contraction, and adjusts a pacing energy of succeeding delivered pacing pulses to elicit the contraction upon delivery of each pacing pulse.

Claim 5 (Canceled)